

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

12/24/10

Hanne Walker  
Assistant District Attorney, Suffolk County

Dear ADA Walker,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan (Dookhan) and Nicole Medina.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Nicole Medina was the custodial chemist and performed the preliminary testing and net weight for this sample. I, Annie Dookhan, was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631



## **DRUG RECEIPT**

CC # \_\_\_\_\_  
BOOK # 65  
PAGE # 39  
DESTRUCTION # \_\_\_\_\_

District/Unit D-4 / DKOIF

Name & Rank of Arresting Officer P.O. Joez Resil ID# 86209

**To be completed by ECU personnel only**

Name and Rank of Submitting Officer PO L Depena ID# 12015

Received by \_\_\_\_\_ Date \_\_\_\_\_

## ECU Control #

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.  
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

#### Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- \*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- \*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
- \*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
- \*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- \*Maintenance and repairs of all analytical instruments.
- \*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- \* Responsible for the Quality Control/Quality Assurance program for the drug lab.
- \*Notary Public.
- \*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

#### QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- \*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- \*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- \*Writing, revising and reviewing Standard Operating Procedures (SOPs).
- \*Routine QC testing of products for the FDA.
- \*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- \*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- \*Complete testing of chemicals for Vendor Validation Project for the FDA.
- \*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals.  
GLP/GMP course with Massachusetts Biologic Laboratory.  
QC/QA training according to FDA Codes and Regulations.  
GC and GC/MS courses with Agilent Technologies and Restek.  
HPLC course with Waters Cooperation.  
FTIR course with Spectros.  
TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)  
Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Nicole E. Medina

### Education

**Bachelor of Science, Chemistry** (1995)

Emmanuel College, Boston, MA

**Research Project:** (1994)

In-Vivo Mapping of Cocaine Metabolites in Biological Fluids

Conducted at Massachusetts State Police Crime Lab, Toxicology Department

---

### Employment

**Chemist II** State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

**Chemist I** State Laboratory Institute (2004-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

**Research Associate**

(September 2001 – October 2004)

Wolfe Laboratories, Newton & Watertown, MA

**Laboratory Technician**

(January 1996 - April 1997)

Gillette, Boston, MA

No. [REDACTED] Date Analyzed: 09-21-10

City: Boston D.C.U. Police Dept.

09-21-10  
Nem

Officer: P.O. MILA DEPINA

Def: [REDACTED]

Amount: 3.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 06/23/2010

No. Analyzed:

Gross Wt.: 2.06

Net Weight:

# Tests: 2 AdL  
2 ASO Nem

Prelim: Clonazepam Findings: clonazepam  
C

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY BostonANALYST NEm

No. of samples tested: \_\_\_\_\_

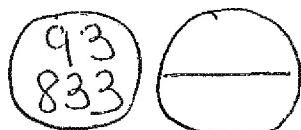
Evidence Wt. ✓ \_\_\_\_\_**PHYSICAL DESCRIPTION:**Signed & Sealed

Gross Wt ( ) : \_\_\_\_\_

Gross Wt ( ) : \_\_\_\_\_

3 round green tabs w/ imprint

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.5099gm\*used 1 tab for analysis**PRELIMINARY TESTS****Spot Tests**Cobalt  
Thiocyanate ( ) \_\_\_\_\_

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

**Microcrystalline Tests**Gold  
Chloride \_\_\_\_\_

TLTA ( ) \_\_\_\_\_

**OTHER TESTS**

---

---

---

**PRELIMINARY TEST RESULTS**RESULTS ClonazepamDATE 09-17-10**GC/MS CONFIRMATORY TEST**RESULTS ClonazepamMS  
OPERATOR ASDDATE 09-21-10

## POISINDEX® Product List

### Clonazepam

Regulatory Status: Schedule IV

#### Ingredients

Active-Ingredient: Clonazepam - 1 MG

Excipients: Lactose (Monohydrate)  
Magnesium Stearate  
Cellulose, Microcrystalline  
Povidone  
Water, Purified  
Starch, Corn  
D&C Yellow No. 10 Aluminum Lake  
FD&C Blue No. 1 Aluminum Lake

#### Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Bottle of 100; Strip of 100; Inner Pack; Bottle of 1000; Bottle of 500

Contact: Teva Pharmaceuticals

Product ID: 5575539

AAPCC Code: 007000 - Benzodiazepines

Registry Numbers: NDC 0093-0833-93  
NDC 0093-0833-19

#### Physical Description

Imprint: 93 - 833 - This tablet is debossed with 93 - 833 on the unscored side.

Form: Oral Tablet

Color: Mottled Green

Shape: Circle

© 1974- 2010 Thomson Reuters. All rights reserved.

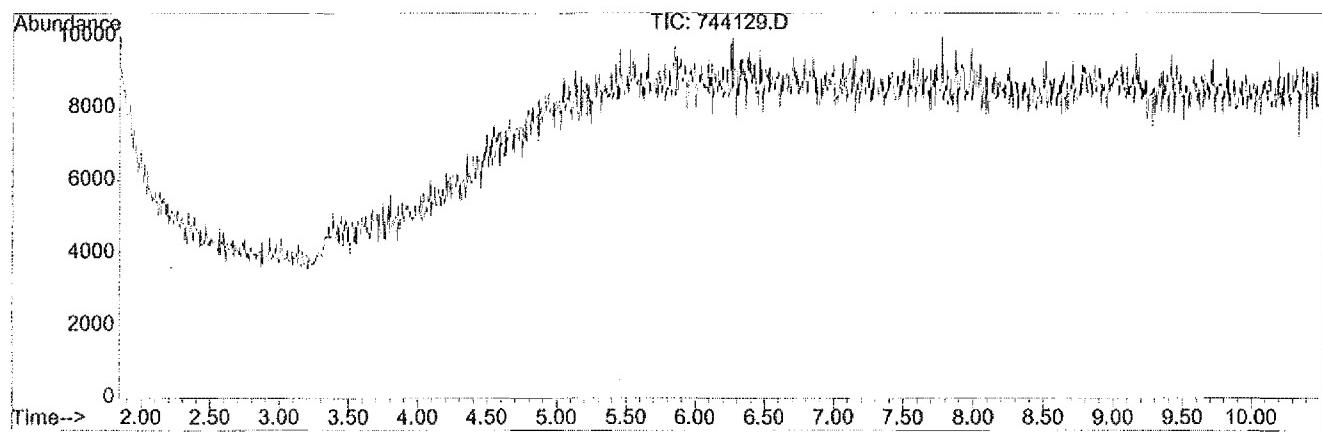
Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744129.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 18:29  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: CLONAZ  
Integrator : RTE

✓  
2-23-10



---

Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

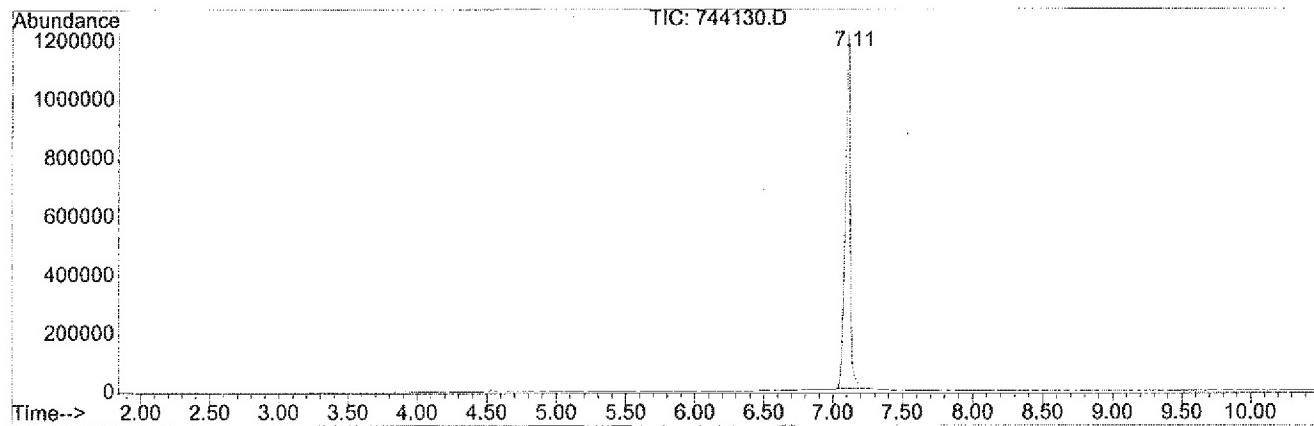
# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : K:\09\_20\_10\744130.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 18:42  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 30  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
7.113	3073631	100.00	100.00

---

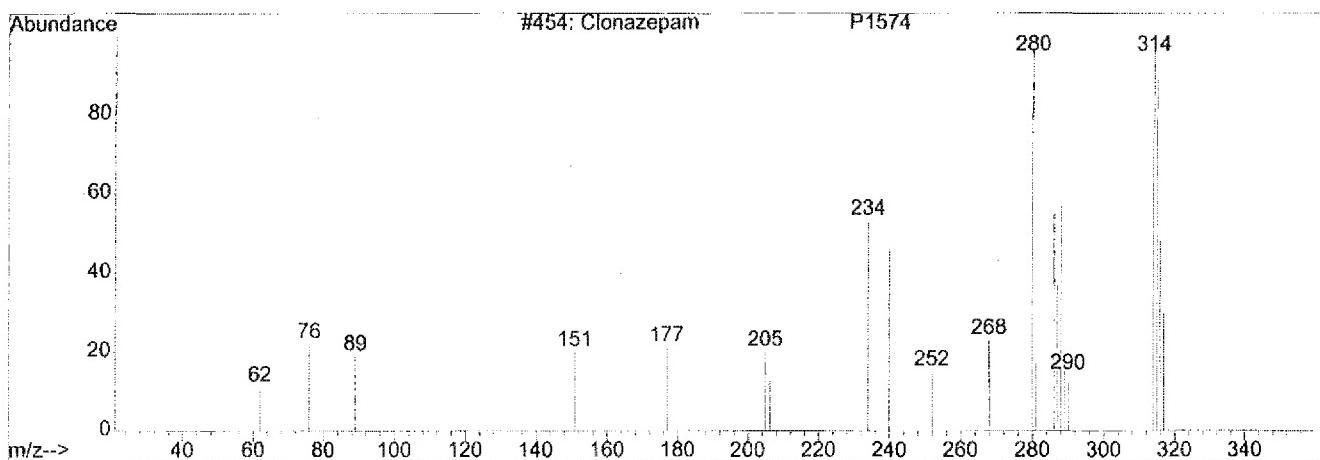
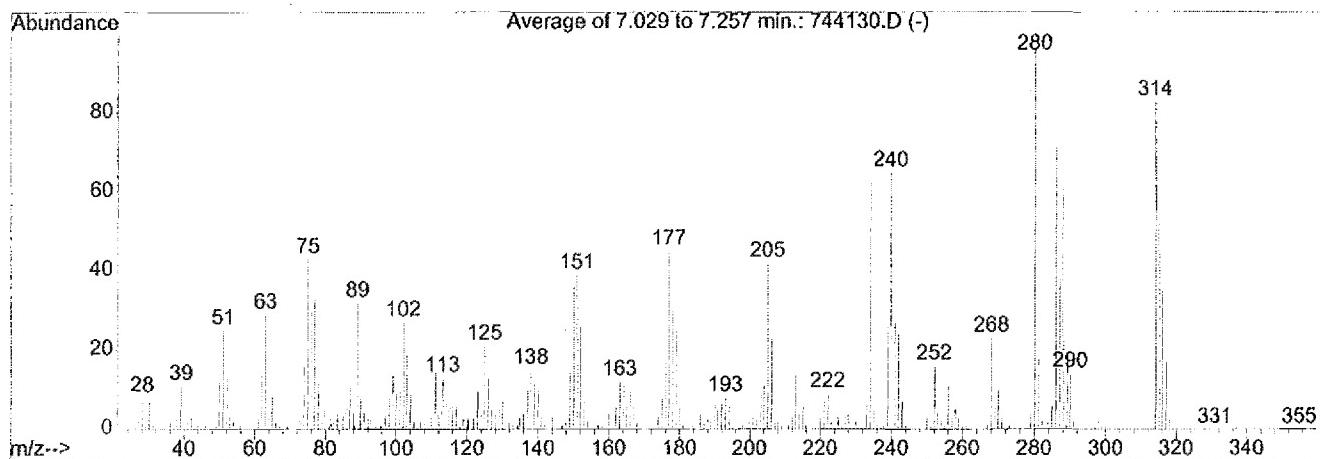
# Area Percent / Library Search Report

**Information from Data File:**

File Name : K:\09\_20\_10\744130.D  
 Operator : ASD  
 Date Acquired : 20 Sep 2010 18:42  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 30  
 AcquisitionMeth: CLONAZ  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
 C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	7.11	C:\DATABASE\PMW_TOX2.L		
		Clonazepam	001622-61-3	99
		Clorazepeate-M/artifact AC	000000-00-0	9
		Estradiol 2AC	003434-88-6	1



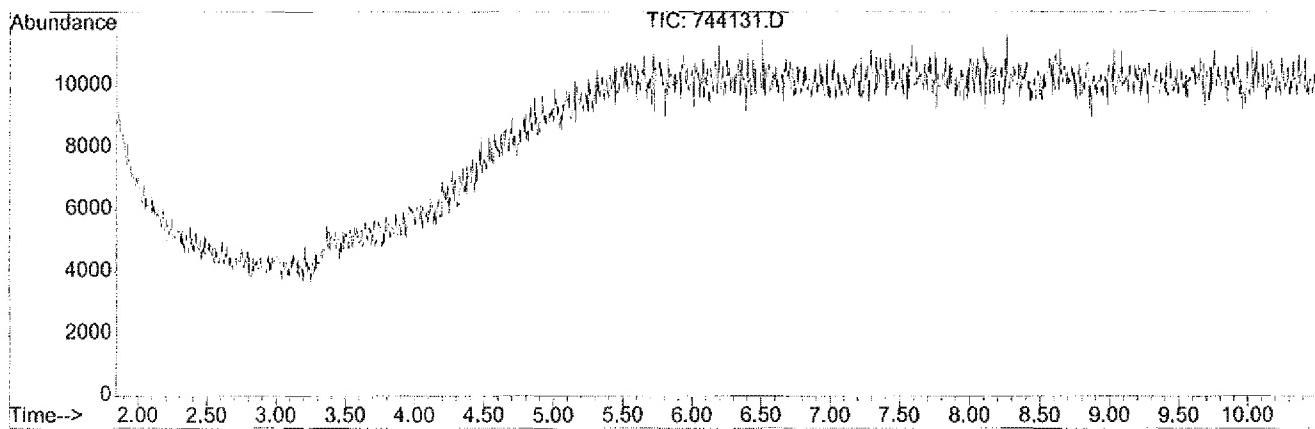
# Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744131.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 18:56  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

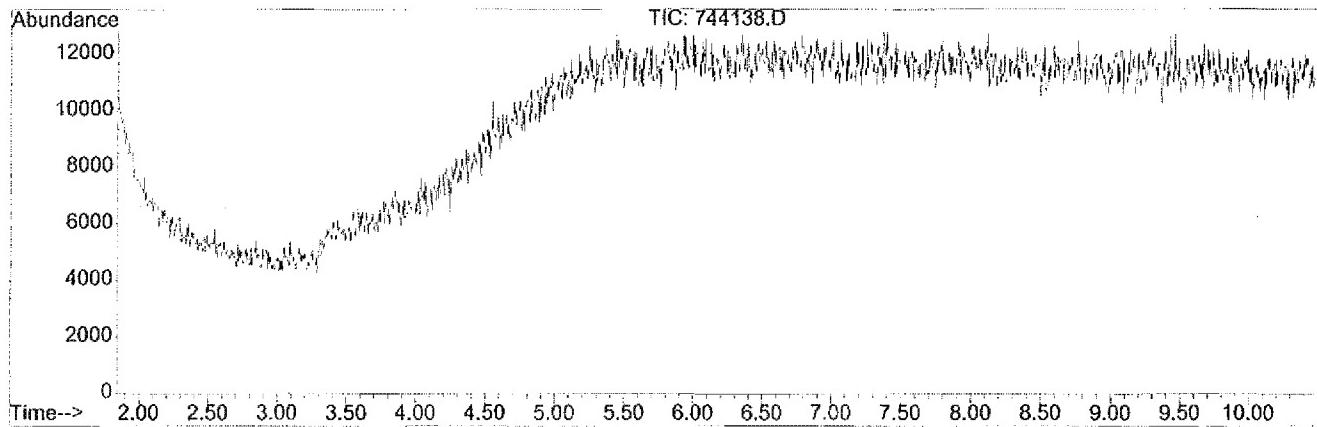
Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744138.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 20:29  
Sample Name : BLANK  
Submitted by : NEM  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

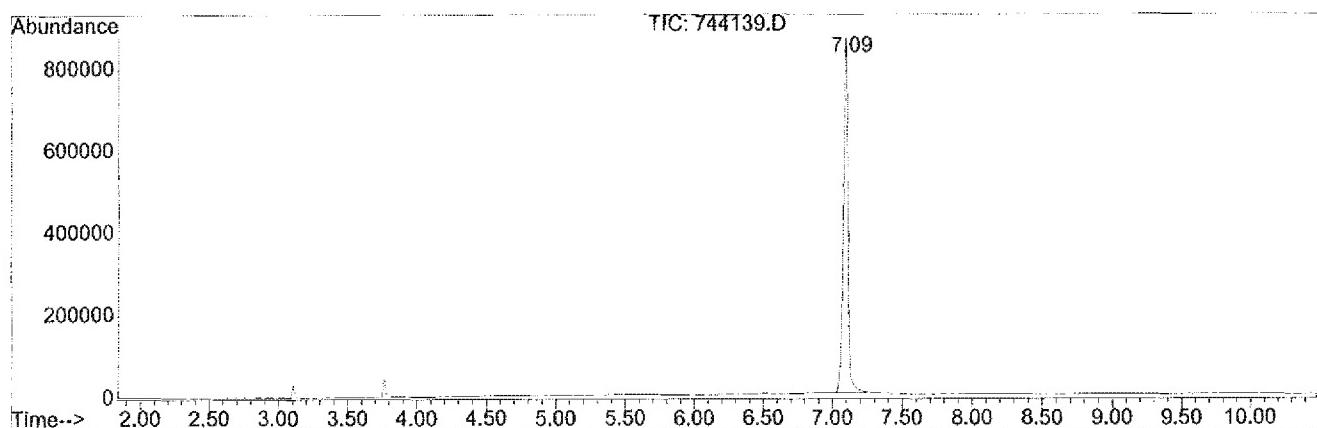
# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : K:\09\_20\_10\744139.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 20:43  
Sample Name : XXXXXXXXXX  
Submitted by : NEM  
Vial Number : 39  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
7.095	1936512	100.00	100.00

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : K:\09\_20\_10\744139.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 20:43  
Sample Name : XXXXXXXXXX  
Submitted by : NEM  
Vial Number : 39  
AcquisitionMeth: CLONAZ  
Integrator : RTE

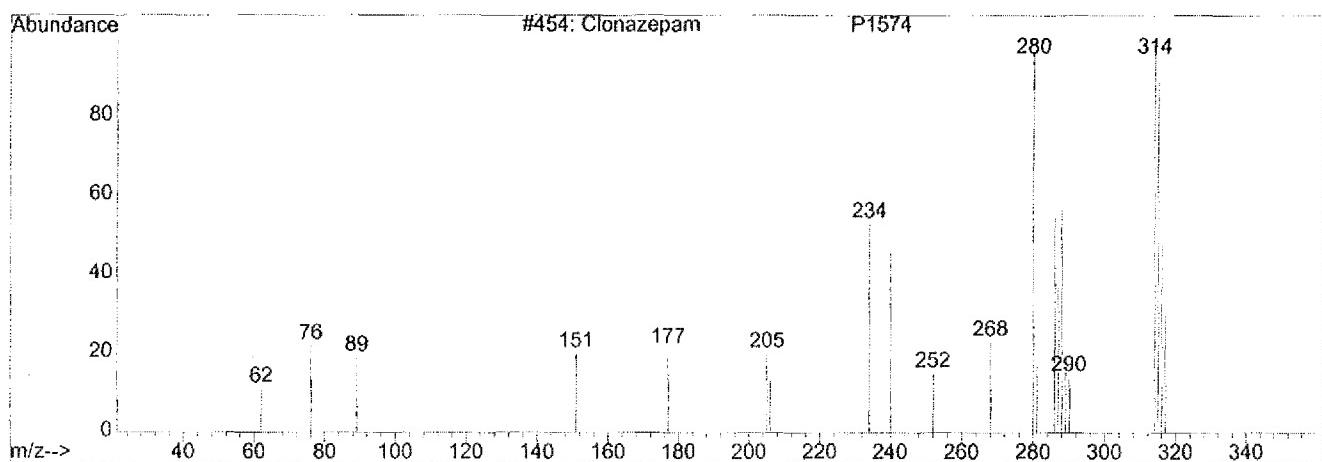
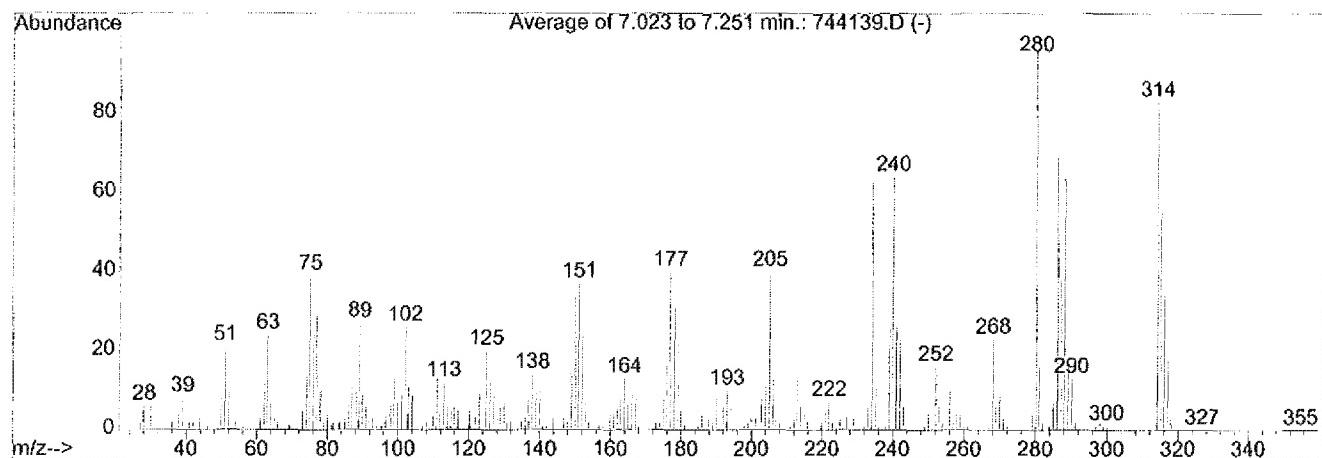
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	7.09	C:\DATABASE\PMW_TOX2.L		
		Clonazepam	001622-61-3	99
		Estradiol 2AC	003434-88-6	1

---



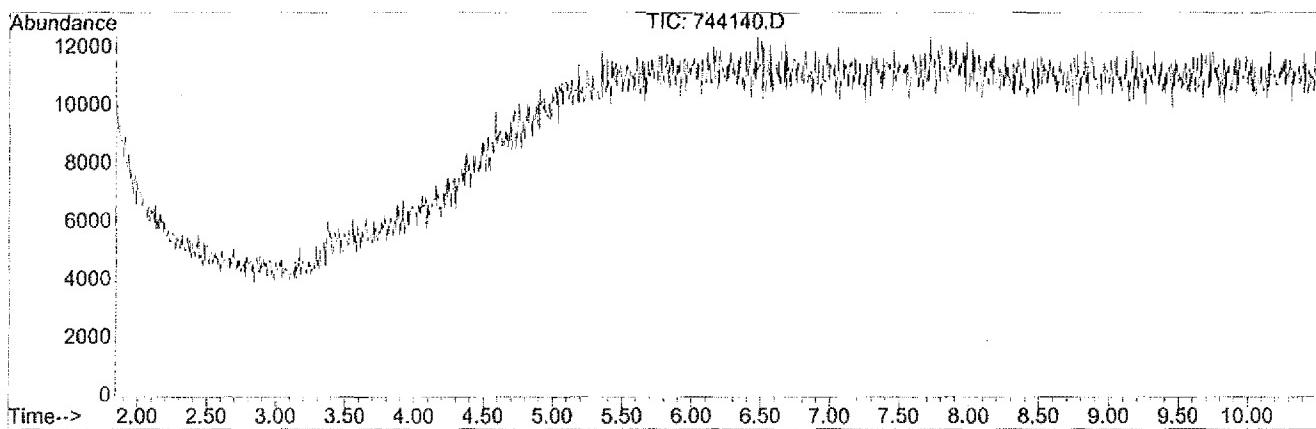
# Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744140.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 20:56  
Sample Name : BLANK  
Submitted by : NEM  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

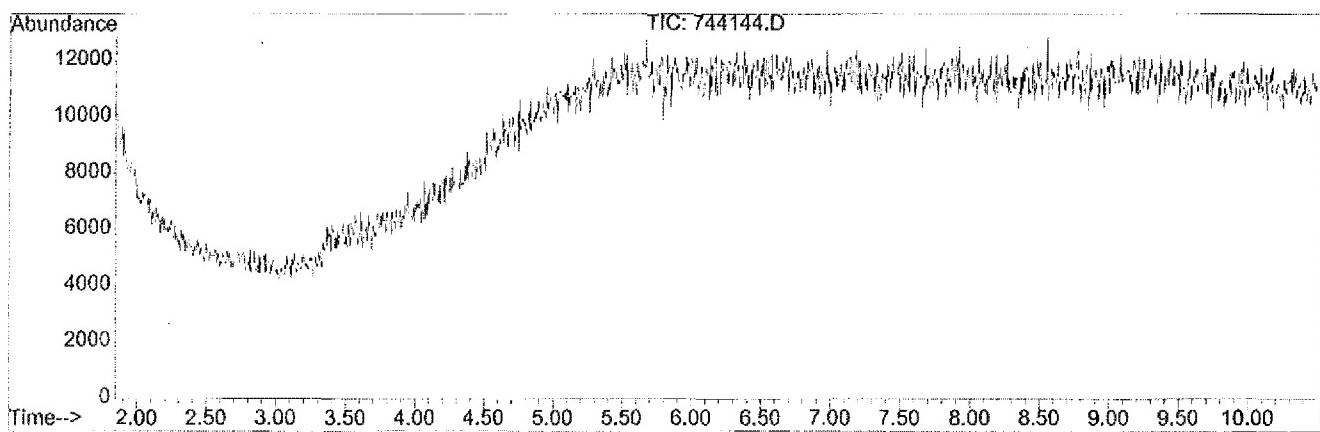
# Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744144.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 21:50  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

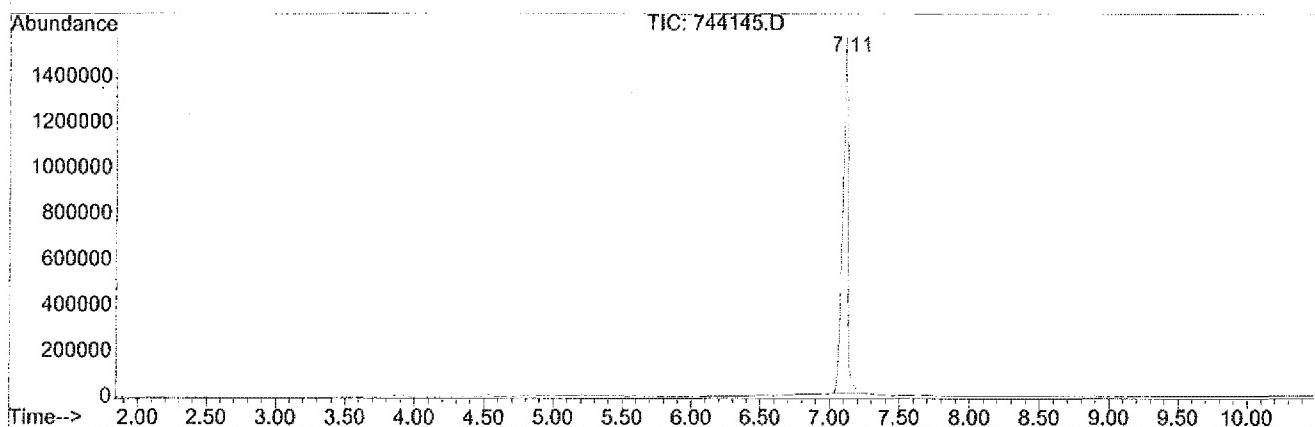
# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : K:\09\_20\_10\744145.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 22:03  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 30  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
7.113	4084716	100.00	100.00

---

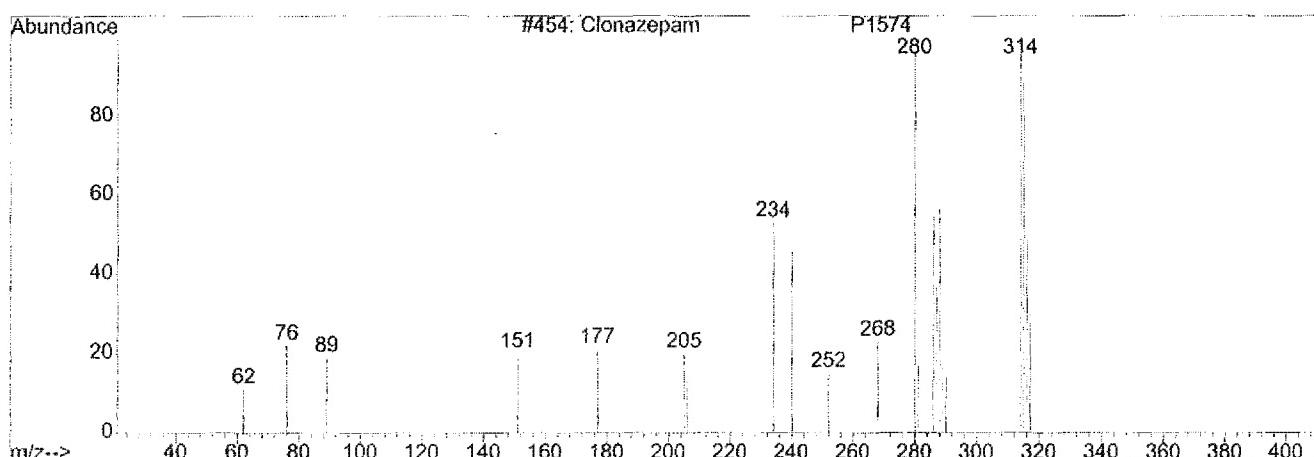
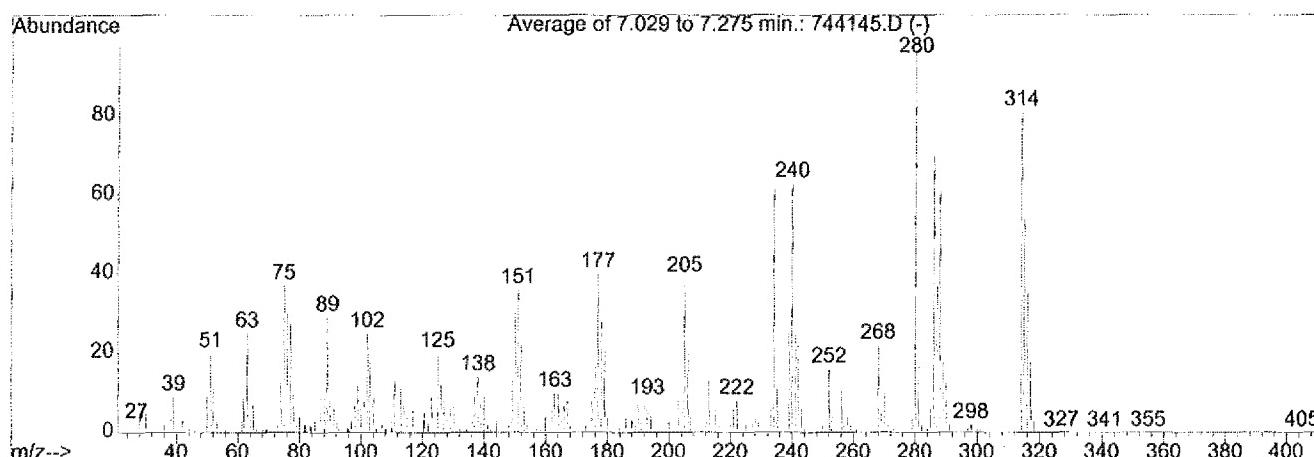
# Area Percent / Library Search Report

**Information from Data File:**

File Name : K:\09\_20\_10\744145.D  
 Operator : ASD  
 Date Acquired : 20 Sep 2010 22:03  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 30  
 AcquisitionMeth: CLONAZ  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
                   C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	7.11	C:\DATABASE\PMW_TOX2.L		
		Clonazepam	001622-61-3	99
		Clorazepate-M/artifact AC	000000-00-0	9
		Terfenadine AC	000000-00-0	9



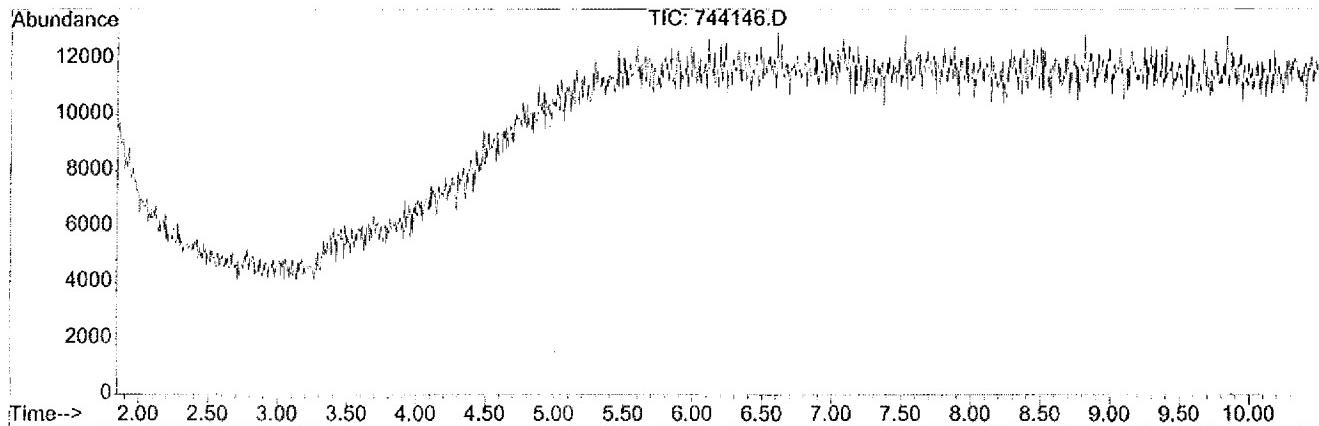
# Area Percent / Library Search Report

---

Information from Data File:

File Name : K:\09\_20\_10\744146.D  
Operator : ASD  
Date Acquired : 20 Sep 2010 22:17  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*